How diffusion is affected by different shaped containers.

Johnny Lewis

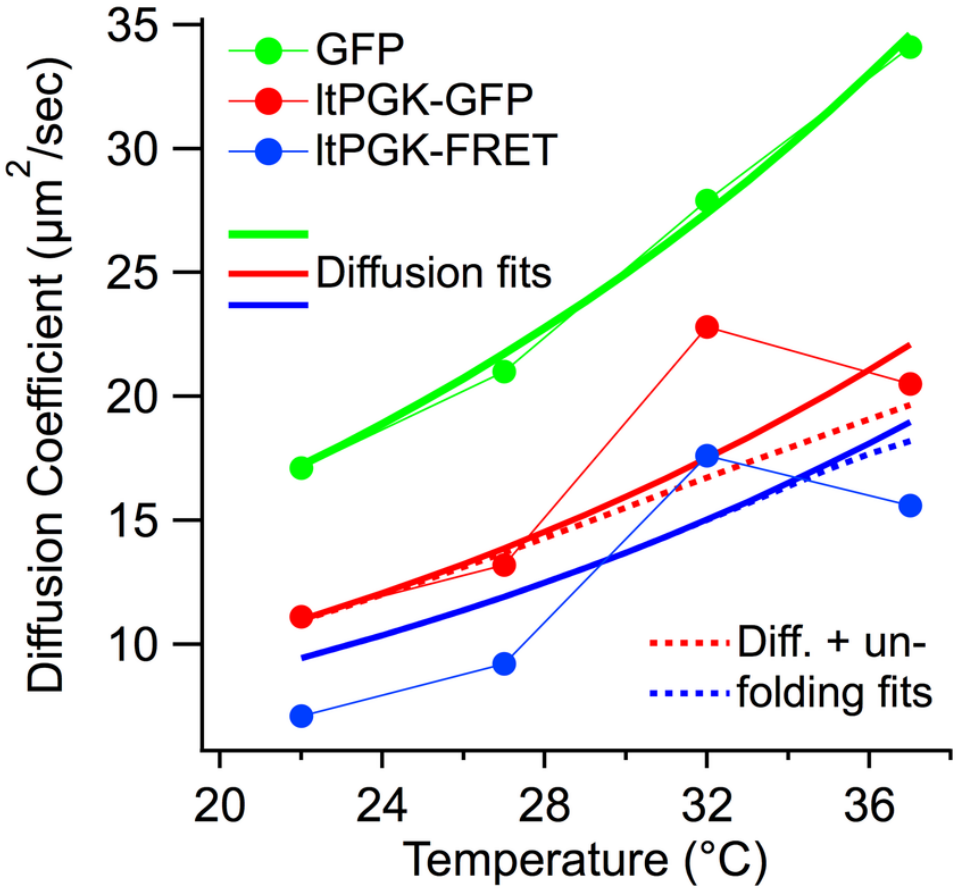
ID 0123

Introduction - Background

The rate of diffusion depends on:

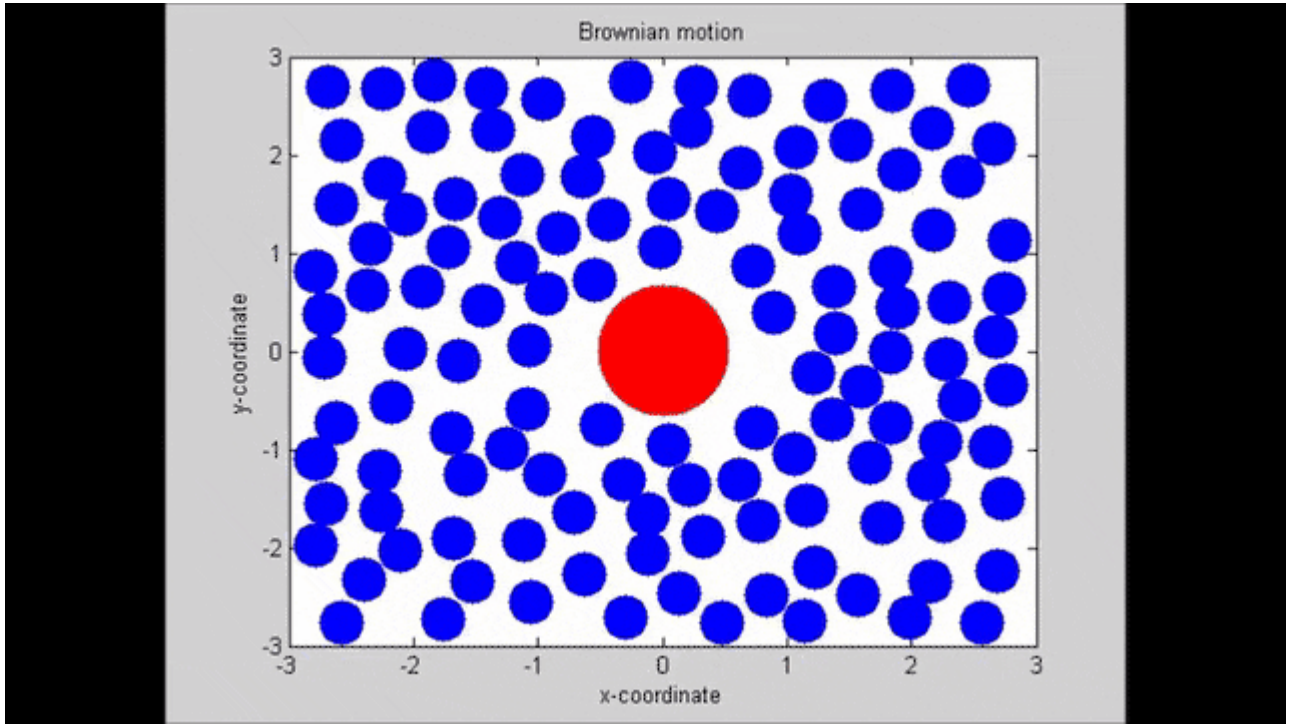
2. Temperature

- **the higher the temperature, the faster is the rate of diffusion**

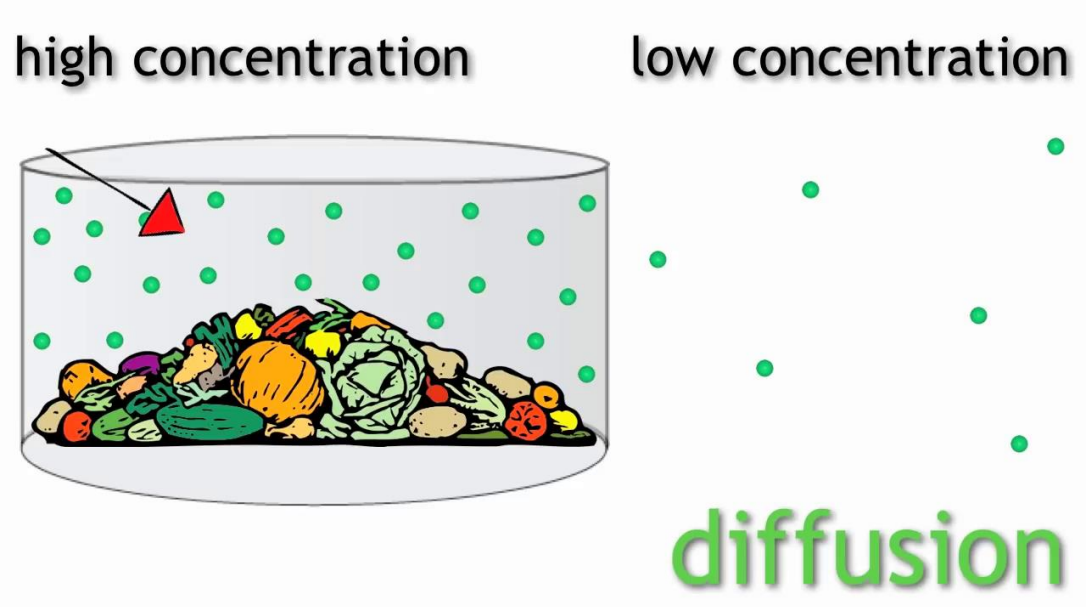


Brownian Movement

Brownian motion is the random, uncontrolled movement of particles in a fluid as they constantly collide with other particles.



Introduction – Previous Research



Cold Hot

Introduction – Purpose of our research

NARROW

WIDE

Introduction - Hypothesis

Less space (Narrow) = slow rate of Diffusion

More space (Wide) = fast rate of Diffusion

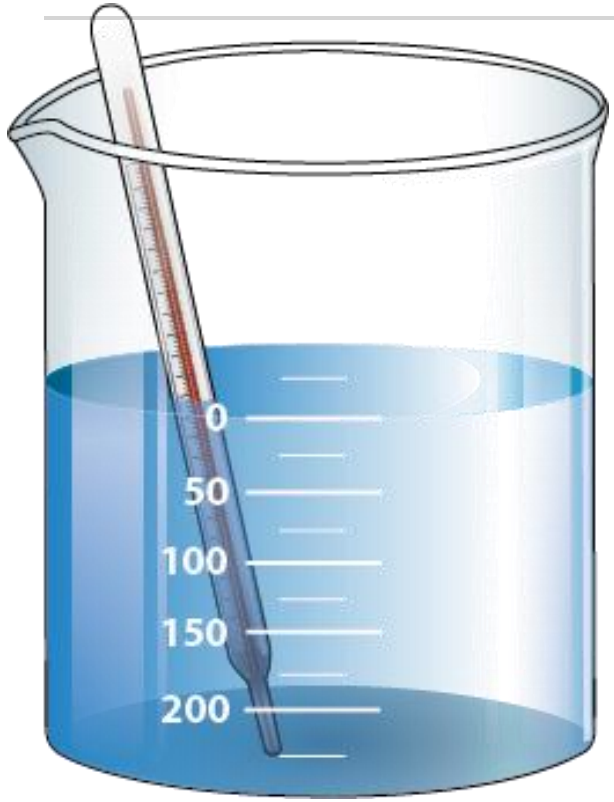
Method – How to investigate.

Materials

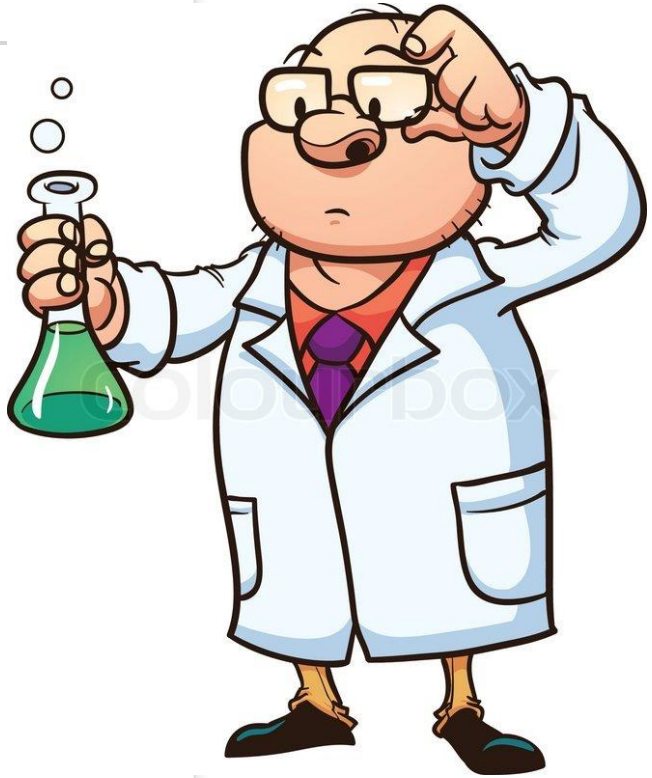
Water

Ink

Method – How to evaluate



1. Check Temperature



2. Add ink to water.

3. Record time of Diffusion.